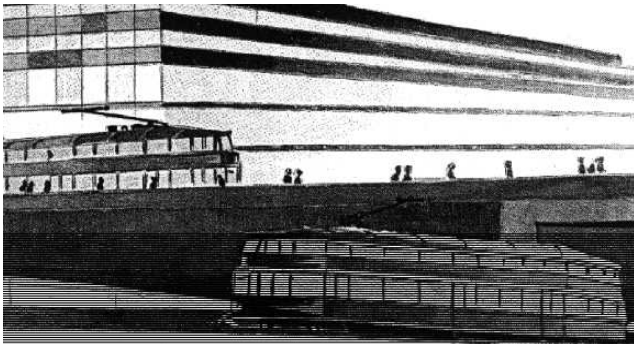
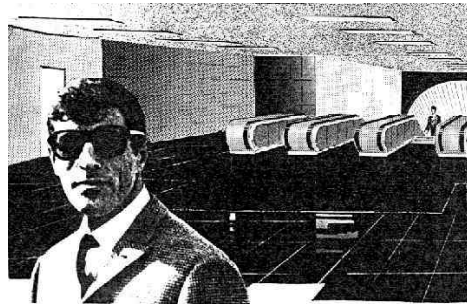


# Underground Utopia in Dresden – 120 years better off without



Source (I&II): Landeshauptstadt Dresden Stadtarchiv



Source: DE-Consult

Knowledge for Tomorrow

# 120<sup>th</sup> anniversary of Dresden Underground Utopia

1863

- London Steam Underground Railway

1897

- Dresden Underground Plan I - Industrialisation

1899

- Berlin Underground Tram (1902: U-Bahn)

1920's

- Dresden Underground Plans II – Weimar Republic

1940's

- Plans III – Post War Rebuilding

1950's

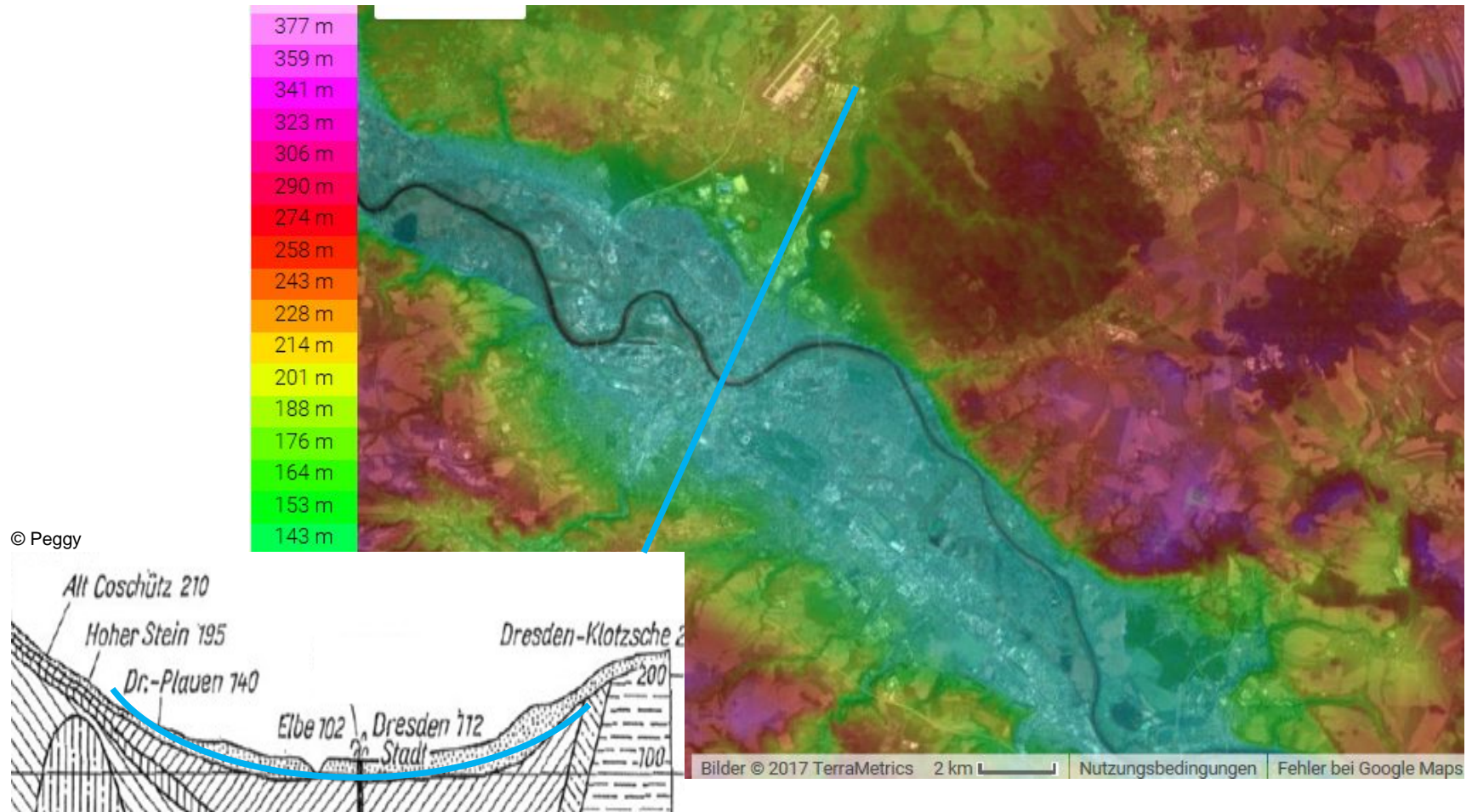
- Plans IV – Master Plan Era

1990's

- Plans V – Reunification Hype

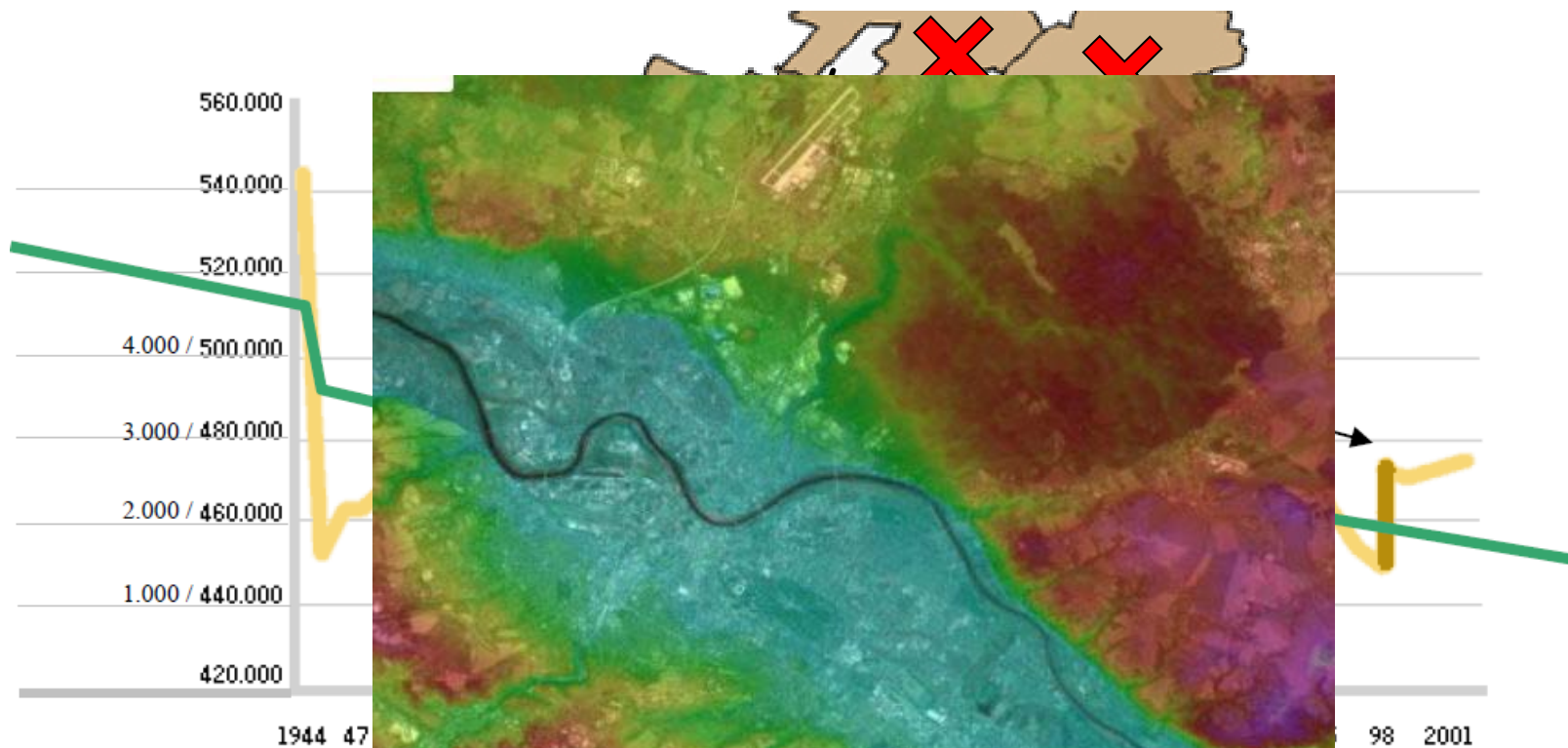


# Dresden's Geography





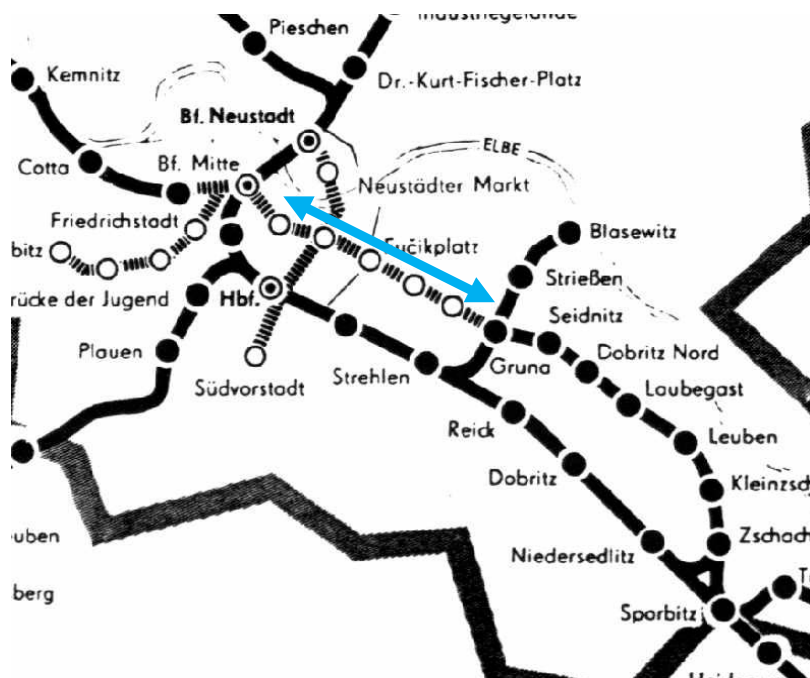
# Dresden's Population



# Past

1970

-120m DDM (Postplatz)

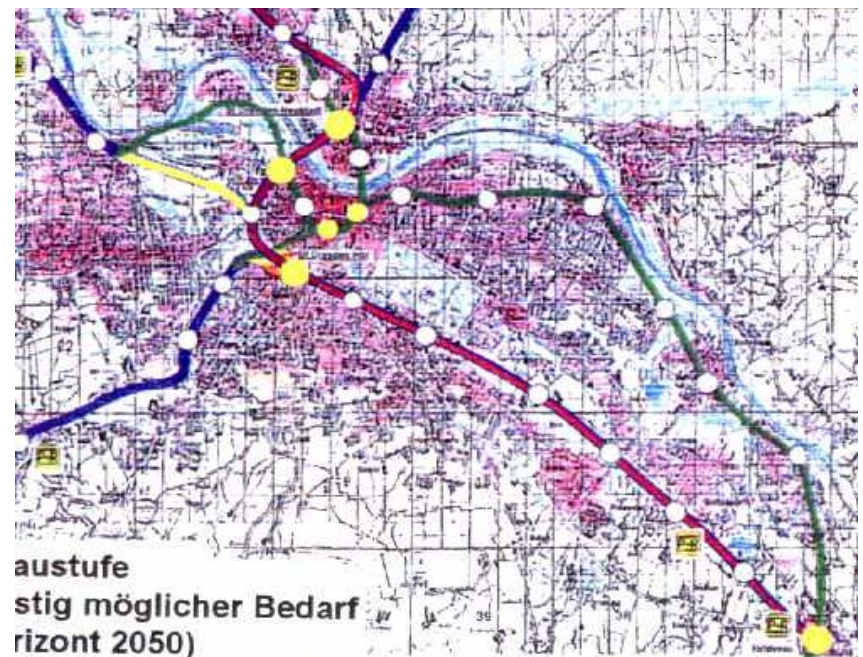


Source: Landeshauptstadt Dresden Stadtarchiv

1995




-1.2bn DM..1bn €

-automated



Source: DE-Consult

# Past Utopia vs. Present


Indicator			
Speed Ø [km/h]	20	29..(40)	19..(31)
Travel time [min]	13	9	14.5
Stops Ø [m]	470	~1,000	~700
Access/Exit time [s]	10s/20s	30s/60s	
Door2door [min]	14.6	14.4	17.1
PAX security	Social control	Technology	
Further indicators...			

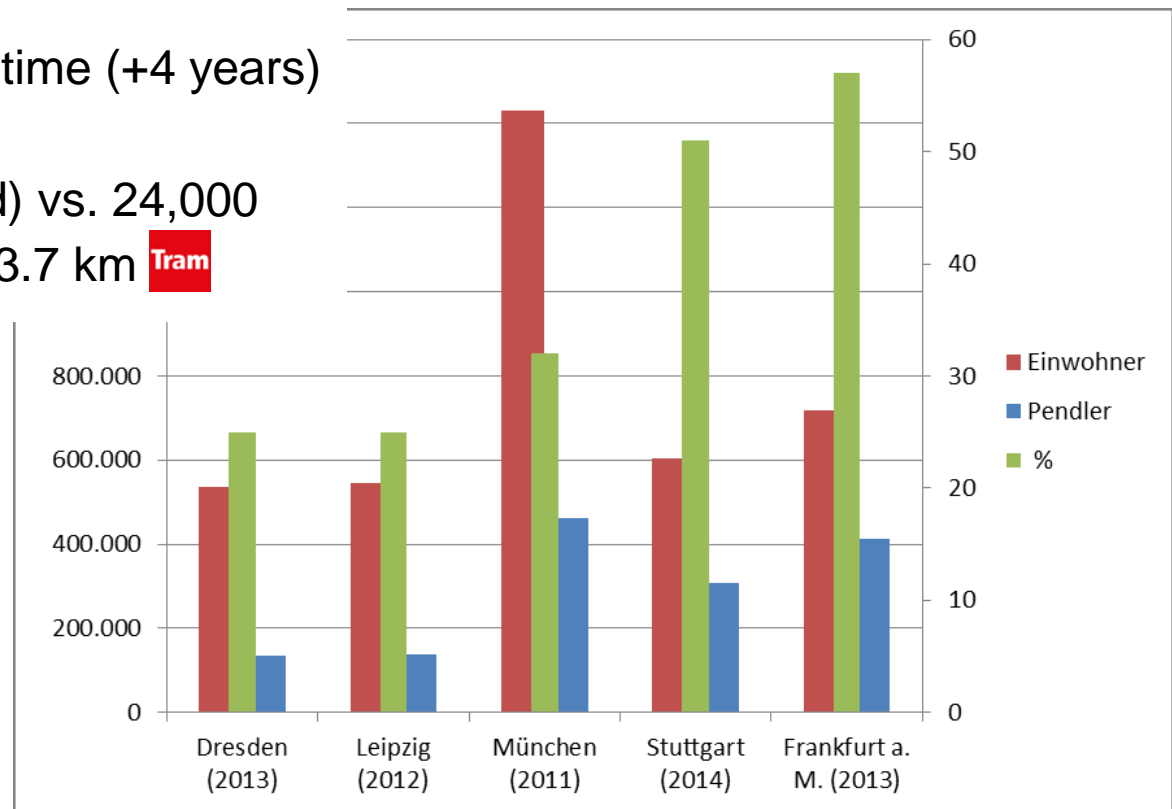




# Present

## Case of Leipzig -Bahn:

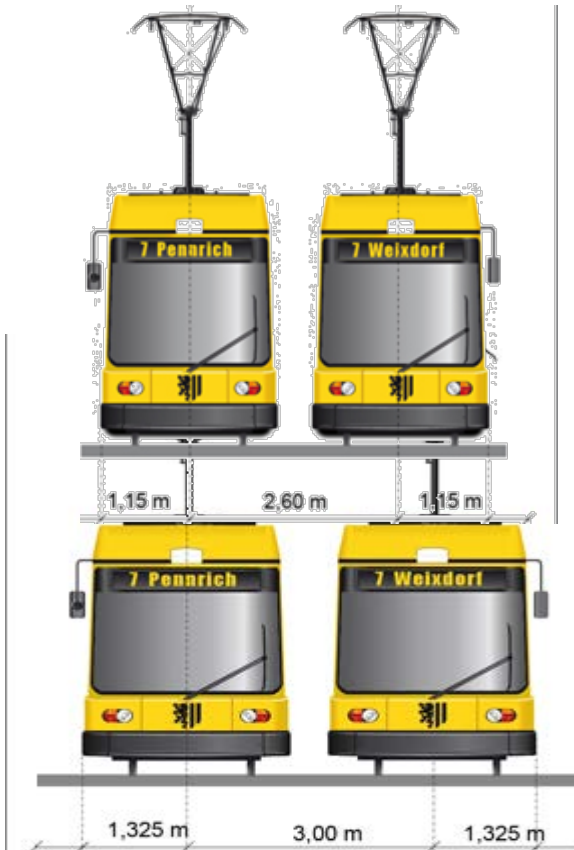
- 1.5 km tunnel
- 4 underground stations
- 10.5 years construction time (+4 years)
- 935m € (x2)
- 66,000 PAX/d (expected) vs. 24,000
- Tram/bus: -6.5% PAX, -3.7 km 



Source: own visualisation on data from Wikipedia



# Future



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